



INFORMATION DISCLOSURE CITATION

PTO-1449

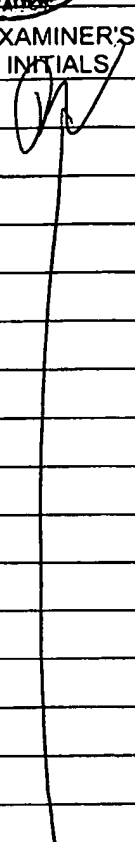
ATTY. DOCKET NO.
39238-0747APPLICATION NO.
10/072,610

TITLE: Handpiece for treatment of tissue

APPLICANT : STERN, Roger et al

FILING DATE: 02/06/2002 Art Unit: 3739

U.S. PATENT DOCUMENTS

EXAMINER'S INITIALS	PATENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE
	6,706,032	3/16/04	Weaver et al.	604	500	6/7/01
	6,659,999	12/9/03	Anderson et al.	606	9	6/5/00
	6,605,080	8/12/03	Altshuler et al.	606	3	3/26/99
	6,529,543	3/4/03	Anderson et al.	372	108	11/21/00
	6,527,763	3/4/03	Esch et al.	606	2	9/6/01
	6,511,475	1/28/03	Altshuler et al.	606	9	8/9/00
	6,350,261	2/26/02	Domankivitz et al.	606	17	4/11/00
	6,275,962	8/14/01	Fuller et al.	714	724	10/23/98
	6,273,884	8/14/01	Altshuler et al.	606	9	5/13/98
	6,248,103	6/19/01	Tannenbaum et al.	606	9	5/28/99
	6,171,301	1/9/01	Nelson et al.	606	9	11/3/97
	6,139,653	10/31/00	Fernandes et al.	148	439	8/12/99
	6,129,723	10/10/00	Anderson et al.	606	13	11/28/95
	6,126,655	10/3/00	Domankevitz et al.	606	17	8/11/98
	6,120,497	9/19/00	Anderson et al.	606	9	9/15/98
	6,081,749	6/27/00	Ingle et al.	607	101	8/13/97
6,066,130	5/23/00	Gregory et al.	606	15	10/27/98	

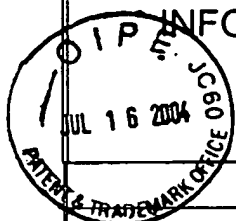
FOREIGN PATENT DOCUMENTS

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OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

	Anvari, et al., "Dynamic Epidermal Cooling in Conjunction with Laser Treatment of Port-Wine Stains: Theoretical and Preliminary Clinical Evaluations", <i>Lasers in Medical Science</i> 10: 105-112, (July 1995)
	Nelson, et al., Abstract: "Dynamic epidermal cooling during pulsed laser treatment of port-wine stain. A new methodology with preliminary clinical evaluation", <i>Archives of Dermatology</i> , 131:695-700
	Anvari, et al., "Spatially selective photocoagulation of biological tissues; feasibility study utilizing cryogen spray cooling", <i>Applied Optics</i> , Vol 35, No. 19 (July 1996)
EXAMINER	DATE CONSIDERED 3-6-5

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<i>ph</i>	6,014,579	1/11/00	Pomeranz et al.	600	374	7/21/97
	5,995,283	11/30/99	Anderson et al.	359	385	11/12/98
	5,979,454	11/9/99	Anvari et al.	128	898	6/6/97
	5,925,078	7/20/99	Anderson	623	66	11/4/96
	5,911,718	6/15/99	Yarborough et al.	606	9	5/8/98
	5,880,880	3/9/99	Anderson et al.	359	385	7/15/96
	5,879,326	3/9/99	Godshall et al.	604	51	4/25/97
	5,814,041	9/29/98	Anderson et al.	606	15	7/7/95
	5,814,040	9/29/98	Nelson et al.	606	9	5/15/95
	5,810,601	9/22/98	Anderson et al.	606	9	9/22/98
	5,556,612	9/17/96	Anderson et al.	424	59	3/15/94
	5,735,844	4/7/98	Anderson et al.	606	9	1/30/96
	5,649,923	7/22/97	Gregory et al.	606	15	4/8/94
	5,571,216	11/5/96	Anderson	623	66	1/19/94
	5,595,568	1/21/97	Anderson et al.	606	9	2/1/95
	5,558,667	9/24/96	Yarborough et al.	606	9	1/6/95

FOREIGN PATENT DOCUMENTS

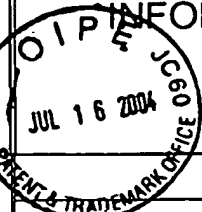
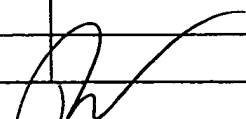
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EXAMINER <i>ph</i>	DATE CONSIDERED <i>3-6/5</i>

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				FILING DATE: 02/06/2002		Art Unit: 3739	
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EXAMINER'S INITIALS	PATENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE	
	5,527,308	6/18/96	Anderson et al.	606	14	2/1/94	
	5,456,260	10/10/95	Kollias et al.	128	665	4/5/94	
	5,304,171	4/19/94	Gregory et al.	606	15	2/2/93	
	5,300,097	4/5/94	Lerner et al.	607	93	9/18/92	
	5,100,402	3/31/92	Fan	606	37	10/5/90	
	2004/0093042	5/13/04	Altshuler et al.	607	88	6/17/03	
	2004/0039379	2/26/04	Viator et al.	606	9	2/7/03	
	2004/0034319	2/19/04	Anderson et al.	604	20	3/12/03	
	2004/0034341	2/19/04	Altshuler et al.	606	3	8/12/03	
	2003/0220749	11/27/03	Chen et al.	702	31	4/9/03	
	2003/0218756	11/27/03	Chen et al.	356	497	1/16/03	
	2003/0208326	11/6/03	Chen et al.	702	49	3/12/03	
	2003/0199859	10/23/03	Altshuler et al.	606	9	5/21/03	
	2003/0055414	3/20/03	Altshuler et al.	606	9	10/21/02	
	2003/0036751	2/20/03	Anderson et al.	606	9	5/30/01	
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EXAMINER 				DATE CONSIDERED 3-6-03			

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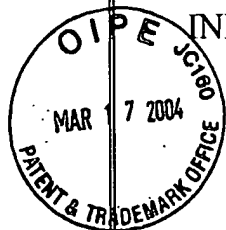
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	5,500,012	3/1996	Brucker et al.	607	122		
	5,556,377	9/1996	Rosen et al.	604	22		
	5,643,334	7/1997	Eckhouse et al.	607	88		
	5,655,547	8/1997	Karni	128	898		
	5,776,092	7/1998	Farin et al.	604	22		
	5,776,175	7/1998	Eckhouse et al.	607	100		
	5,833,612	11/1998	Eckhouse et al.	600	476		
	5,836,999	11/1998	Eckhouse et al.	607	88		
	5,964,749	10/1999	Eckhouse et al.	606	9		
	5,970,983	11/1999	Karni et al.	128	898		
	6,162,212	12/2000	Kreindel, et al	606	9		
	6,387,089	05/2002	Kreindel, et al.	606	9		
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OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)							
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U.S. PATENT DOCUMENTS

EXAMINER'S INITIALS	PATENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE
	RE 32,849	1/89	Wei, et al.	204	192.27	6/2/85
	3,831,604	8/74	Neefe	128	260	9/19/73
	4,074,718	11/78	Morrison	128	303.14	3/17/76
	4,140,130	2/79	Storm, III	128	404	5/31/77
	4,164,226	8/79	Tapper	128	419 R	6/13/77
	4,290,435	8/81	Waggott	128	800	9/7/79
	4,343,301	8/82	Indech	128	24	10/4/79
	4,346,715	8/82	Gammell	128	422	5/13/80

FOREIGN PATENT DOCUMENTS

EXAMINER'S INITIALS	PATENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
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	92/19414	11/92	PCT				
	0 519 415	12/92	Europe				
	31 21 683	12/82	Germany				X
	1 949 534	4/70	Germany				X
	2 609 245	7/88	France				X

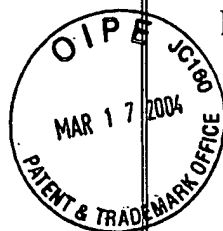
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

	Allain, et al. "Isometric Tensions Developed During the Hydrothermal Swelling of Rat Skin", Connective Tissue Research, vol 7, pp. 697-701, (1990).
	Danielson, C. "Age-Related thermal stability and susceptibility to proteolysis of rat bone collagen", ...chem, Great Britain, pp. 697-701, (1990).
	Danielson, C. "Thermal stability of reconstituted collagen fibrils, shrinkage characteristics upon in vitro maturation", Mechanisms of Ageing and Development, Vol 15, pp. 269-278, (1981).
	Kronick, et al. "The locations of collagens with different thermal stabilities in fibrils of bovine recticular dermis". Connective Tissue Research, Vol. 18, pp. 123-134, (1988).
	Mainster, M.A. "Ophthalmic applications of infrared lasers - thermal considerations", Visual Sci., pp. 414-420, April 1979.
	Pearce, et al. "Kinetic models of laser-tissue fusion processes", ISA, paper #93-044, pp. 355-360, (1993).

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February 6, 2002GROUP
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U.S. PATENT DOCUMENTS

EXAMINER'S INITIALS	PATENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE
<i>[Signature]</i>	4,375,220	5/83	Matvias	128	804	5/9/80
	4,381,007	4/83	Doss	128	303.1	4/30/81
	4,441,486	4/84	Pounds	128	24	10/27/81
	4,545,368	10/85	Rand, et al.	128	1.3	4/13/83
	4,676,258	6/87	Inokuchi, et al.	128	804	6/5/86
	4,709,701	12/87	Weber	128	422	4/14/86
	4,881,543	11/89	Trembly, et al.	128	303.1	6/28/88
	4,887,614	12/89	Shirakami, et al.	128	798	4/18/89
	4,889,122	12/89	Watmough et al.	128	399	4/11/88
	4,944,302	7/90	Hernandez et al.	128	798	4/18/89

FOREIGN PATENT DOCUMENTS

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OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)


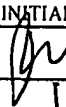
<i>[Signature]</i>	Adrian, R. M. "Treatment of Facial Telangiectasia Using the VersaPulse7 Variable Pulse Width Frequency Doubled Neodymium:YAG Laser: A Case Report."
	Chess, C.; Chess, Q. "Cool Laser Optics Treatment of Large Telangiectasia of the Lower Extremities." <i>J. Dermatol Surg Oncol.</i> 1993; 19:74-80.
	Coulson, W. F. et al. "Nonablative Laser Treatment of Facial Rhytides: Animal Study." Abstract for BiOS '98 Symposium Conference: bo05 - Cutaneous Applications of Lasers, 24-30 January 1998, San Jose, CA.
	Kincade, K. "Demand for Laser Resurfacing Soars: Quicker Healing, Less Risk of Scarring." <i>Dermatology Times.</i> 1995. 16(10)
	Fitzpatrick, R. "Treatment of Wrinkles with the UltraPulse CO ₂ Laser."
	Laser Aesthetics, Inc. "The Cool Touch Laser." Brochure.
	Laser Aesthetics, Inc. "Cool Touch Model 130 Technical Specifications." Brochure.
	National Health Communications, Inc. "New Laser Eliminates 'Lipstick Bleed'" Press Release July 1993.

EXAMINER

DATE CONSIDERED

3-6-05

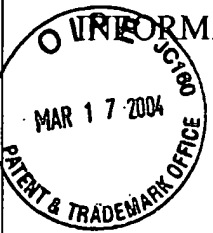
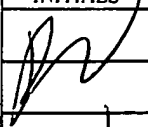
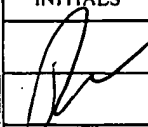

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	4,957,480	9/90	Morenings	604	20	2/2/88	
	4,962,761	10/90	Golden	128	400	5/4/89	
	5,003,991	4/91	Takayama, et al.	128	784	3/24/88	
	5,133,351	7/92	Masaki	128	419 R	3/14/90	
	5,143,063	9/92	Fellner	128	399	2/9/88	
	5,186,181	2/93	Franconi, et al.	128	804	7/27/90	
	5,190,517	3/93	Zieve, et al.	604	22	6/6/91	
	5,230,334	7/93	Klopotek	128	399	1/22/92	
	5,249,575	10/93	DiMino, et al.	607	150	10/21/91	
	5,282,797	2/94	Chess	606	9	5/28/91	
	5,304,169	4/94	Sand	606	5	8/17/92	
	5,315,994	5/94	Guibert, et al.	607	101	3/5/93	
	5,334,193	8/94	Nardella	606	41	11/13/92	
	5,342,357	8/94	Nardella	606	40	11/13/92	
	5,348,554	9/94	Imran, et al.	606	41	12/1/92	
	5,370,642	12/94	Keller	606	9	8/2/93	
5,374,265	12/94	Sand	606	5	8/6/92		
5,660,836	8/97	Knowlton	424	400	5/5/95		
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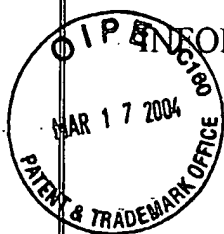
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				APPLICANT Stern et al.			
				FILING DATE February 6, 2002		GROUP 3739	
U.S. PATENT DOCUMENTS							
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	5,423,807	6/95	Milder	606	20	1/24/94	
	5,423,811	6/95	Imran, et al.	606	41	3/16/94	
	5,437,662	8/95	Nardella	606	40	2/17/94	
	5,458,596	10/95	Lax, et al.	606	31	5/6/94	
	5,462,521	10/95	Brucker, et al.	604	20	12/21/93	
	5,464,436	11/95	Smith	607	89	4/28/94	
	5,496,312	3/96	Klicek				
	5,507,790	4/96	Weiss				
	5,569,242	10/96	Lax, et al.	606	42	2/16/95	
	4,756,310	7/12/88	Bitterly	128	400		
	4,633,875	7/1987	Turner				
	6,139,569	10/2000	Ingle et al.	607	104		
	5,231,997	8/1993	Kikuchi et al.				
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	98 05286	2/1998	PCT	A61H	7/00		
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	5,366,443	11/94	Eggers, et al.			
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	5,697,882	12/97	Eggers, et al.			
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	5,697,281	12/97	Eggers, et al.			
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	5,692,058	11/97	Eggers, et al.			
	5,683,366	11/97	Eggers, et al.			
	5,681,282	10/97	Eggers, et al.			

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	96/32051	10/96	PCT				
	96/27327	9/96	PCT				
	96/27240	9/96	PCT				
	94/26228	11/94	PCT				
	93/13816	7/93	PCT				

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EXAMINER

DATE CONSIDERED

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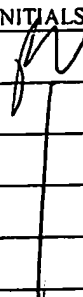
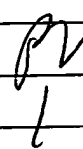
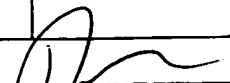
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			FILING DATE 2/6/02		GROUP 3739	
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	5,290,273	03/01/94	Tan	606	3	
	5,360,447	11/01/94	Koop	623	15	
	5,522,813	06/04/96	Trelles	606	2	
	5,527,350	06/18/96	Grove et al.	607	89	
	5,531,739	07/02/96	Trelles	606	2.5	
	5,558,667	09/24/96	Yarborough et al.	606	9	
	5,578,029	11/26/96	Trelles et al.	606	25	
	5,599,342	02/04/97	Hsia et al.	606	9	
	5,746,735	05/05/98	Furumoto et al.	606	9	
	5,743,901	04/28/98	Grove et al.	606	9	
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	5,754,573	05/19/98	Yarborough et al.	372	22	
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	5,814,040	09/29/98	Nelson et al.	606	9	
	5,843,072	12/01/98	Furumoto et al.	606	9	
	5,843,078	12/01/98	Sharkey	606	41	
	5,871,479	02/16/99	Furumoto et al.	606	9	
	5,911,718	06/15/99	Yarborough et al.	606	9	
5,979,454	11/9/99	Anvari et al.	128	898		
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EXAMINER			DATE CONSIDERED 3-6-5			

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

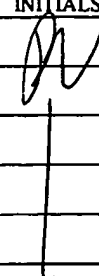
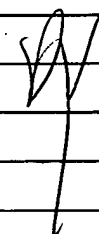
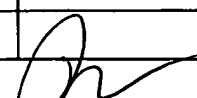
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	6,045,548	04/04/00	Furumoto et al.	606	9		
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	6,171,301	01/09/01	Nelson et al.	606	9		
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	6,436,094	08/20/02	Reuter	606	9		
	2002/0016587	02/07/02	Furumoto	606	7		
	2002/0035360	03/21/02	Connors et al.	606	9		
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	WO 00/54685	09/21/00	PCT	A61B	18/20		
	WO 00/54686	09/21/00	PCT	A61B	18/20		
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PATENT & TRADEMARK																
INFORMATION DISCLOSURE STATEMENT PTO-1449							ATTY. DOCKET NO. 39238-0747					SERIAL NO. 10/072,610				
							APPLICANT Stern et al.									
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	6,413,255	07/02/2002	Stern	606	41											
	6,334,074	12/25/2001	Spertell	607	101											
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	5,755,753	5/26/98	Knowlton	607	98		
	6,169,926	1/2/01	Baker	607	99		
	6,228,078	5/8/01	Eggers et al.	606	32		
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INFORMATION DISCLOSURE CITATION PTO-1449		ATTY. DOCKET NO. 39238-0747		SERIAL NO. 10/072,610			
		APPLICANT Stern et al.					
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	5,609,573	03/11/1997	Sandock	604	22	02/28/1996	
	5,630,426	05/20/1997	Eggers, et al.	128	734	03/03/1995	
	5,948,011	09/07/1999	Knowlton	607	101	10/28/1997	
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	WO 00/053113	09/14/2000	PCT	A61B	18/14		
	WO 01/00269	01/04/2001	PCT	A61M	35/00		
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**INFORMATION DISCLOSURE
STATEMENT**

PTO-1449

ATTY. DOCKET NO.

39238-0747

SERIAL NO.

10/072,610

APPLICANT Stern et al.

FILING DATE 02/06/2002

GROUP 3739

U.S. PATENT DOCUMENTS

EXAMINER'S INITIALS	PATENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE
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	2002/0016601	02/07/2002	Shaddock			
	2002/0019625	02/14/2002	Azar			
	2002/0123743	09/05/2002	Shanks, et al.			
	2002/0161362	10/31/2002	Penny et al.			
	2002/0183724	12/05/2002	Neev			
	2002/0183789	12/05/2002	Neev			
	2003/0023283	01/30/2003	McDaniel			
	2003/0028186	02/06/2003	Kreindel			
	2003/0032950	02/13/2003	Altshuler et al.			
	2003/0040739	02/27/2003	Koop			
	2003/0059386	03/27/2003	Sumian et al.			
	2003/0065313	04/03/2003	Koop et al.			
	2003/0065314	04/03/2003	Altshuler et al.			
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EXAMINER

DATE CONSIDERED

3-6-05

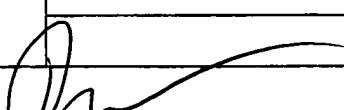
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	2003/0163178	08/28/2003	Davison et al.			
	2003/0187488	10/02/2003	Kreindel et al.			
	2003/0233138	12/18/2003	Spooner			
	2003/0236487	12/25/2003	Knowlton			
	2004/0015157	01/22/2004	Connors et al.			
	2004/0133251	07/08/2004	Altshuler et al.			
	2004/0147984	07/29/2004	Altshuler et al.			
	2004/0162549	08/19/2004	Altshuler			
	2004/0199226	10/07/2004	Shaddock			
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EXAMINER 	DATE CONSIDERED 3-6-05
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INFORMATION DISCLOSURE STATEMENT PTO-1449			ATTY. DOCKET NO. 39238-0747		SERIAL NO. 10/072,610	
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	4,709,372	11/24/1987	Rando et al.			
	4,864,098	09/05/1989	Basanese et al.			
	4,891,820	01/02/1990	Rando et al.			
	5,011,483	04/30/1991	Sleister			
	5,057,104	10/15/1991	Chess			
	5,107,832	04/28/1992	Guibert et al.			
	5,131,904	07/21/1992	Markoll			
	5,136,676	08/04/1992	Arnett et al.			
	5,190,031	03/02/1993	Guibert et al.			
	5,312,395	05/17/1994	Tan et al.			
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	5,626,631	05/06/1997	Eckhouse				
	5,628,744	05/13/1997	Coleman et al.				
	5,669,868	09/23/1997	Markoll				
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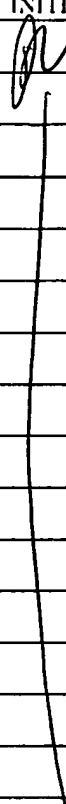
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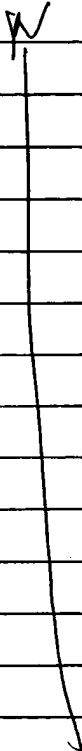
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	6,159,194	12/12/2000	Eggers et al.			
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	6,183,773	02/06/2001	Anderson			
	6,187,001	02/13/2001	Azar et al.			
	6,200,308	03/13/2001	Pope et al.			
	6,214,034	04/10/2001	Azar			
	6,248,103	06/19/2001	Tannenbaum et al.			
	6,254,594	07/03/2001	Berry			
	6,267,758	07/31/2001	Daw et al.			
	6,280,438	08/28/2001	Eckhouse et al.			
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		APPLICANT Stern et al.			
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	6,451,007	09/17/2002	Koop et al.			
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	6,485,484	11/26/2002	Connors et al.			
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	6,508,813	01/21/2003	Altshuler			
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INFORMATION DISCLOSURE STATEMENT PTO-1449		ATTY. DOCKET NO. 39238-0747		SERIAL NO. 10/072,610	
		APPLICANT Stern et al.			
		FILING DATE 02/06/2002		GROUP 3739	

U.S. PATENT DOCUMENTS						
EXAMINER'S INITIALS	PATENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE
[Signature]	6,632,218	10/14/2003	Furumoto et al.			
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FOREIGN PATENT DOCUMENTS							
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